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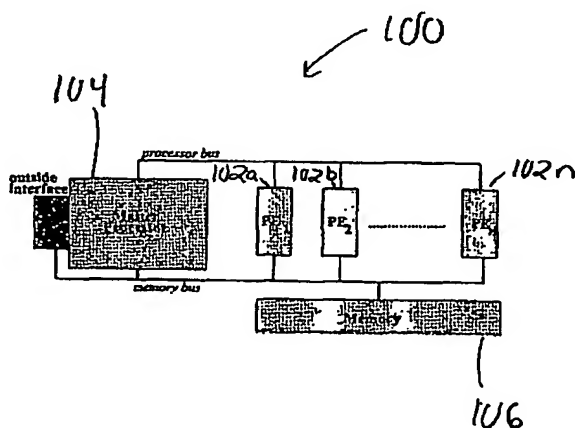
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(54) Title: CIRCUIT HAVING HARDWARE THREADING



(57) Abstract: Hardware threading optimizes use of hardware re-
sources in a dynamic workload environment. Unutilized hardware
resources are dynamically borrowed to increase throughput perfor-
mance and/or power savings by enabling parallel processing of ap-
plication pipeline stages.